

((20S)-1 α -HYDROXY-2 α -METHYL AND 2 β -METHYL-19-NOR-VITAMIN D₃
AND THEIR USES

ABSTRACT OF THE DISCLOSURE

5 This invention discloses (20S)-1 α -hydroxy-2 α -methyl-19-nor-vitamin D₃
and (20S)-1 α -hydroxy-2 β -methyl-19-nor-vitamin D₃ and pharmaceutical uses
therefor. These compounds exhibit pronounced activity in arresting the
proliferation of undifferentiated cells and inducing their differentiation to the
monocyte thus evidencing use as an anti-cancer agent and for the treatment of
10 skin diseases such as psoriasis as well as skin conditions such as wrinkles, slack
skin, dry skin and insufficient sebum secretion. These compounds also have very
significant calcemic activity and therefore may be used to treat immune disorders
in humans as well as metabolic bone diseases such as osteoporosis.